TRUCK LIGHT (RED & WHITE)
127'-0" ABV. B.L.
4'-6"
122'-6" ABV. B.L.
ANTENNA YARD
ABSENCE LIGHT (WHITE) 116'-0" ABV. B.L.
ABSENCE, (WHITE) MAN OVER-BOARD & BREAK DOWN LIGHTS (RED,) 110'-0" ABV. B.L.
ABSENCE LIGHT (WHITE) 104'-0" ABV. B.L.
BLINKER LIGHT 102'-6" ABOVE BASELINE.
SIGNALYARD
ABSENCE, (WHITE) MAN OVER BOARD & BREAKDOWN LIGHT (RED) 98'-0" ABV. B.L.
92'-5" ABV. B.L.
RANGE LIGHT, (WHITE) 86'-0" ABOVE BASELINE.
TOWING LIGHT, (WHITE) 80'-0" ABOVE BASE-LINE.
TOWING LIGHT, (WHITE) 74'-0" ABOVE BASELINE.
SIGNALYARD BRACE & ANTENNA
FORESTAY
MASTHEAD STAYS DOUBLE
MASTHEAD SHROUD
MAIN SHROUDS
MAST HEAD LIGHT, (WHITE) 65'-6" ABV. B.L.
RADIO DIRECTION FINDER
STANDARD COMPASS
RANGE FINDER
18" HI. S.L (P&S)
18" I. S.L (P&S)
FIRE CONTROL PLATFORM
NAVIGATING BRIDGE
LIFE RAFTS P. & S.
26'-9" MOTOR BOAT
SIDE LIGHT (GREEN) 34'-0" ABV. W.L.
HOOD OVER VENT TRUNK OPENING
SUPERSTRUCTURE DECK
UPPER DECK
26'-0" MONOMOY SURF BOAT
25'-10" MOTOR S.B. SURF BOAT (TYPE S)
BOAT BOOM (P&S.)
V.L.
RAIN & SPRAY HOOD
6 PDR GUN
LEADSMAN PLATFORM
ANTENNA
ANCHOR LIGHT (WHITE) 50'-0" ABV W.L.
5" 51 CAL. GUN No. 2
5" 51 CAL. GUN No. 1
ANCHOR DAVIT
STEERING LIGHT
HINGED PORT
ANCHOR LIGHT (WHITE) 28'-0" ABV. W.L.
STERN CHOCK
STERN LIGHT (WHITE) IN RECESS
12'-6" W.L.
154 A.P.
FP
10
9
8
7
6
5
4
3
2
1

No	PART	DESCRIPTION	APPROVED	DATE	AUTHORI
	A	HAWSE PIPE & FOR'D CHOCKS RELOCATED. FREEING PORTS OMITTED & DRAIN SLOTS SHOWN. OPENINGS & MOULDINGS ON SIDE & DECK HTS. CORRECTED. HANGAR PORTS, AIRPORTS & WHISTLE STEAM LINE RELOCATED AND RIGGING & ANTENNA, AIRPLANE BOOM & RAILS MODIFIED IN ACCORDANCE WITH COMDT. U.S.C.G. LETTER CR-202/2071 DATED JAN. 23, 1935.	EHB	3/21	

ALTERATIONS

U.S. COAST GUARD CUTTERS.
C.G. 65 TO 71
CONTRACT PLAN
OUTBOARD PROFILE

INDUSTRIAL DEPARTMENT, NAVY YARD, PHILA., PA.

SCALE $\frac{1}{4}$" = 1 FOOT	
DRAWN BY PETTIT	DATE
TRACED BY PETTIT	
CHECKED BY HILL	
CHARGE OF DIVISION Berks	12/14/34
CHIEF DRAFTSMAN	1/14/35
SATISFACTORY TO R.B. Lank, Jr.	1/14/35
SATISFACTORY TO	

GEORGE W. CAMPBELL
CUTTER NO. 65

SAMUEL D. INGHAM
CUTTER NO. 66

WILLIAM J. DU
CUTTER NO. 6

ROGER B. TANEY
CUTTER NO. 68

ALEXANDER HAMILTON
CUTTER NO. 69

JOHN C. SPEN
CUTTER NO. 7

GEORGE M. BIBB
CUTTER NO. 71

COMMANDER, U.S.C.G.

CAPTAIN (CC) U.S.N.
MANAGER.

1-14-35

AUTHORITY
SECT'Y OF NAVY LETTER, SONYD-IA-KY-1/29 JAN. 29TH 1934.

DRAWING NUMBER
~~C.G.65A-0101-18~~

CG-327WHEC-0101-18

$30\frac{7}{8}$" × 102" = 21.87 ☐

ABBREVIATIONS	
W.T.	WATER TIGHT
N.W.T.	NON-WATER TIGHT
E.S.	ESCAPE SCUTTLE
H.	HATCH
V.L.	VERTICAL LADDER
B.P.	BOLTED PLATE
M.H.	MANHOLE
C.H.	COMPANION HATCH
O.M.H.	OIL-TIGHT MANHOLE
O.T.	OIL-TIGHT

BULWARK
MAIN DECK
SECOND DECK
12'-6" D.W.L.
MOLDED ℄
BOTTOM OF KEEL
STORES D-208
HAWSER STOWAGE D-207
W.R. W.C.
W.R. S.R. J
W.R. W.C. & BATH
W.R. PASSAGE D-206
SEMI-PORTABLE PL.
STORES D-420
STEERING ENGINE ROOM D-419
ENGINEER SPARE PARTS D-418
ARCH
ACCESS TRUNK
DIESEL
SWASH
OIL D-415-F
N.W.T. FLAT
DRAIN HOLE
FILLING PLUG
℄ SHAFT
DRAIN PLUG
A.P.
N.W.T. FLAT AT TOP OF KEEL
℄ No 4 GUN FOUND'N. (WAR TIME)
TOWING BITT (PEACE TIME)
℄ #3 GUN (WAR TIME)
W.R. PASSAGE D-205
W.R. S.R. D
W.T. TRUNK D-204
W.R. S.R. B
PASSAGE
SPACE RES. FOR HOIST
WARD ROOM D-203
S. WINDOW WITH W.T. COVER
W. R. PANTRY
PASSAGE D-202
GASOLINE STOWAGE D-412
2-1500 GAL. TANKS
11'-8" MLD.
HAND'L. ROOM D-411-M
STORES D-302
MINE STOWAGE (PEACE TIME)
(6" POWDER MAG.) WAR TIME
D-408-M
W.O. STORES D-301
CABIN STORES
HAND'L. ROOM WAR TIME
RESERVE FEED WATER (PEACE TIME)
D-401-W
(1.1" MAGAZINE, WAR TIME)
N.W.T. FLAT TO FOLLOW LINE OF TOP OF WEBS
AIRPLANE BOOM KINGPOST
HANGAR DECK
LADDER TO BE STOWED IN HANGAR EXCEPT WHEN PLANE IS ABOARD
ROLLER CURTAIN PORTABLE SECTION & DOOR ON ℄
℄ 1.1" A.A. GUN FOUNDATION ON ℄ OF SHIP
BOAT WINCH
AUXILIARY GENERATOR
RADIO ROOM
ATMOSPHERIC VENT PIPE
HANGAR AVIATION STORES & WORKSHOP
15'-6" MLD. AT ℄
17'-6" MLD. AT ℄
HINGED PORTS P.&S.
LINE OF FOR'D BULWARK CONTINUED
LINE OF MAIN DK. AT SIDE
SEMI-PORTABLE PLATE IN WAY OF ENGINE HATCH P.&S.
W.O. MESS ROOM
PASSAGE D-201
PASSAGE C-201
EXH. SYS.
VENT
EXHAUST TRUNK
ESCAPE TRUNK
FOAM GENERATOR
AUXILIARY MACHINERY C-2
LUBRICATING OIL TANK
℄ SHAFT P.&S.
ENGINE ROOM C-1
BLOWER ROOM
A.T. ACCESS DOOR
BOILER UPTAKE
BOILER ROOM B-1
GRATING PORT SIDE
AIR DUCT
FIDLEY SKYLIGHTS 2'-0" X 4'-0"
UPTAKE SPACE
MAIN SHROUD
MAST
FORE STAY
℄ RANGE FINDER
16'-0" NON-MAGNETIC CIRCLE FOR MOVABLE MATERIAL
R.F. WORKING PLAT.
FIRE CONTROL PLAT.
30" I.D. TUBE
WHEEL HOUSE
STEERING COMPASS
NAVIGATING BRIDGE
PYRO. LOCKER
F.C. S.R.
CHART ROOM
SUPERSTR. DECK
C.O. CABIN
UPPER DECK
BREAD ROOM
TRUNK
GALLEY
VEG'L LOCKER
MAIN FEED PUMP
FEED AND FILTER TANK
CREWS SPACE (MESSING) A-206
F.O. A-423-F
ENGINEER STORES
A-421-F F.O. & BALLAST
ARMORY & ORD. STORES
A-307
COLD STORAGE A-306
6'-6" CLEAR HEAD ROOM
HOLD (PEACE TIME)
1.1" MAGAZINE (WAR TIME) A-415
N.W.T. FLAT IN HOLD TO FOLLOW LINE OF TOP OF WEB FRAMES
4000 C.F.M. VENT SUPPLY
RAIN & SPRAY HOOD
6 PDR. SALUTING GUN
6 PDR. GUN PLAT.
GUN CREW SHELTER
PASSING SCUTTLE ST'BD.
LAUNDRY
HOIST
MOVING PICTURE ROOM
W.T. COVER FOR PROJ'R OPENING
SHIPS SERVICE STORE
C.P.O. MESS ROOM
MEDICAL STORES
CLOTHING & SMALL STORES
RADIO STORES
MISC. STORES A-305
PEA COAT LKR.
SALUTING POWDER (PEACE TIME)
HAND'L. ROOM (WAR TIME) A-412-M
W.T. FLAT
5" PDR. MAG.
TRUNK A-411
HOSPITAL
DARK ROOM
DENTIST OFFICE
5" GUN #2
20°
15°
BLAST SHIELD
#2 GUN PLATFORM
PASSING SCUTTLE PORT
5" GUN #1
PORTABLE PLATE
PLATFORM
FLUSH H.
C.P.O. QUARTERS
CREWS SPACE A-205
CREWS SPACE A-204
C.P.O. WASH RM. & W.C.
RELAY TANK
CREWS WASH ROOM A-203
WINDLASS ROOM A-202
BOATSWAINS STORES A-201
ANCHOR DAVIT
CREWS SPACE A-304
SHELL ROOM (PEACE TIME)
HAND'L. ROOM (WAR TIME) A-410-M
STORES A-303
PAINT MIXING ROOM A-302
CHAIN L'KRS A-301
FORE PEAK A-401-V
PLATFORM DECK
F.W. A-407-W
F.W. A-406-W
F.W. A-405-W
PUMP ROOM & STORES A-404
PAINT DRUMS A-403
W.T. HANDHOLE
DRAIN WELL
PEAK TANK A-402-V
13'-6" MLD.
F.P.
N.W.T. FLAT 3'-0" ABOVE BASE LINE BET. LONGITUDINAL BHDS. IN TRUNK, SALUTIN PWDR, & SHELL ROOM. PORTABLE PLATES IN MAGAZINES
N.W.T. FLAT ON LONG'L #4

	B	STEERING LIGHT & HANGAR PORTS RELOCATED, NAV.BR. WINDOWS & RIGGING CHANGED, RAILING AROUND RANGE FINDER PLATF. & STRUT FRS. 63-66-2ND DECK ADDED IN ACCORDANCE WITH COMDT. U.S.C.G. LETTER CR-202/2071 DATED JAN. 23, 1935. VOID SPACE D-420 CHANGED TO STORES, RADIO ANTENNA RELOCATED & ANTENNA LEAD IN TRUNK ADDED. AIRPLANE BOOM, KINGPOST, STANCHIONS, RAILINGS, ETC, & AMM. HOISTS MODIFIED & RELOCATED AND PLAN BROUGHT INTO AGREEMENT WITH DETAIL DRAWINGS.		3/21/35	
	A	WINDLASS MOTOR ON 2ND DK. CORRECTED. VENT ADDED ON TOP OF LAUNDRY. BOAT WINCH ON MAIN DK. & HINGED PORTS RELOCATED. STACK & UPTAKES MODIFIED. BRACKET AT AFT END OF HANGAR ADDED. TANK FRS. 92-94½ CHANGED TO LUB. OIL & COMP'T. D-415-F CHANGED TO DIESEL OIL. IN ACCORDANCE WITH COAST GUARD LETTER CR-202 DATED DEC. 4/1934		1/14/35	—
No.	PART.	DESCRIPTION.	APPROVED.	DATE.	AUTHORITY.

ALTERATIONS.

U. S. COAST GUARD CUTTERS.
C.G. 65 TO 71
CONTRACT PLAN
INBOARD PROFILE

INDUSTRIAL DEPARTMENT, NAVY YARD, PHILA. PA.

SCALE 1/4" = 1 FOOT

DRAWN BY H Sulin	
TRACED BY H Sulin	
CHECKED BY HILL	
CHARGE OF DIVISION Devers	11/16/34
CHIEF DRAFTSMAN	11/21/34
SATISFACTORY TO R.B. Lank Jr. CONSTRUCTOR, U.S.C.G.	11/21/34
SATISFACTORY TO COMMANDER, U.S.C.G.	
AUTHORITY SECT'Y OF NAVY LETTER, SONYD-1A-Kr-1/29 JAN. 29, 1934	

GEORGE W. CAMPBELL
CUTTER NO. 65

SAMUEL D. INGHAM
CUTTER NO. 66

WILLIAM J. DUANE
CUTTER NO. 67

ROGER B. TANEY
CUTTER NO. 68

ALEXANDER HAMILTON
CUTTER NO. 69

JOHN C. SPENCER
CUTTER NO. 70

GEORGE M. BIBB
CUTTER NO. 71

FORWARDED TO U.S.C.G. FOR APPROVAL
LETTER No. (QS13/S1-3(E3)).
DATE NOV. 27, 1934

APPROVED BY U.S. COAST GUARD (WITH MODIFICATIONS)
LETTER No. CR-202
DATE 12/4/34

J.L. Furer
CAPTAIN (C.C.) U.S.N.
MANAGER.
11-21-34

DRAWING NUMBER.
~~C.G. 657A-0101-16~~ CG-327 WHEC-0101-16

19.5#

29"x103.5" = 20.844 SQ. FT.

11 10 9 8 7 6 5 4 3 2 1

STERN CHOCK
ENSIGN STAFF
RECESS FOR STERN LIGHT
STERN CHOCK
A.P.
BULWARK RAIL CAP
CLOSED CHOCK IN BULWARK
BITT
36"X54" R.W.H. 12" COAMING WITH GRATING
SEMI-PORTABLE PLATE
30"X30" R.W.H. 12" COAMING 8" FIXED LIGHT WITH GRATING
DOWN
36"X54" R.W.C.H. 12" COAMING 18" ESCAPE SCUTTLE
NO. 4 GUN ℄
TOWING BITT
GAS HOSE PIT BOX W.T. COVER
23"X15" R.W.M.H 3⅞" COAMING
CAPSTAN & MOTOR
30"X30" R.W.H. 12" COAMING 8" FIXED LIGHT
NO. 3 GUN ℄
HOIST UNDER
OPEN CHOCK
SIDE LADDER DAVIT SOCKET
SIDE LADDER. P. & S.
AIRPLANE WINCH
UP
LADDER TO TOP OF HANGAR.
36"X54" R.W.C.H. 6" COAMING
PORTABLE SECTION WITH DOOR
26"X66" WEA.T.D. 9" SILL 8" FIXED LIGHT
STEEL ROLLER CURTAIN
END OF HOUSE (OVER)
HANGAR
AVIATION WORKSHOP & STORES
SEMI-PORTABLE PLATES IN WAY OF ENGINE HATCH UNDER, P. & S.
HINGED PORT
12" AIR PORTS
26"X66" W.T.D. 9" SILL FIXED LIGHT
12" COAMING
SLOPING VENT TRUNK OVER P. & S.
BHD. SLOPES OVER LADDER & VENT P. & S.
18" W.T. ESCAPE SCUTTLE FROM ENGINE ROOM
OPENINGS IN DK. 24"X20"
OPENING IN DK. 18"X18"
VENT TRUNK 36" HIGH
SLOPING BHD.
OPENING IN DK. 36"X22" P. & S.
OPENING 33"X50" P. & S.
OPENING IN BHD. P. & S.
VENT OPENINGS 4 SQ. FT.
BLOWER ROOM
UPTAKE
18"X24" ESCAPE OPENING FROM FIRE ROOM FITTED WITH RAIL
FORCED DRAFT BLOWER OPENING. P. & S.
26"X66" A.T.D. 9" SILL
POTATO PEELER
8" COAM. ℔
2'-0"X4'-0" VEG. LKR.
CLOSED CHOCK IN BULWARK
W.T.
BOAT BOOM P. & S. FITTED FOR SOUNDING
26'-0" MONOMOY SURFBOAT
25'-10" MOTOR S.B. SURFBOAT P. & S.
LINE OF HOUSE (OVER)
26"X66" W.T.D. 9" SILL WITH FIXED LIGHT.
26"X66" N.W.T.D.D. 9" SILL UPPER HALF W.M.
GIRDER OVER
MAST OVER
BREAD ROOM
VENT TRUNK
ELEC. REFRIG.
TRUNK
KITCHEN MACH.
MEAT BLOCK
DOUGH TROUGH
KETTLE 30 GAL.
DRESSER
GALLEY
SINK
GUARD RAIL
ELEC. RANGE BROILER IN BACK SHELF
GRIDDLE.
FRY KETTLE
BAKE OVEN.
PROOFER.
2'-0"X4'-0" VEG. LKR.
4" DRAIN P. & S.
2" DRAIN P. & S.
PORTABLE ℔ FOR SHIPPING GALLEY EQUIPMENT.
15"X30" N.W.B.P. 24" SILL.
12" AIR PORTS
BOAT WINCH & MOTOR
OPENING 36"X54"
LAUNDRY
26"X66" W.T.D. 9" SILL WITH FIXED LIGHT
26"X66" N.W.T.D.D. 9" SILL
26"X66" WEATHER T.D. 9" SILL
30"X66" WEATHER T.D. 9" SILL 8" FIXED LIGHT
V.L.
RESERVE SPACE FOR FUTURE DOOR
CLIPPING ROOM (WAR TIME)
LIFE JACKETS & ABANDON SHIP LKR. (PEACE TIME)
SPACE FOR RES. HOIST
FILE CAB.
FLAT TOP DESK
T.W. SUP.
INST. CAB.
INST. PRESS. STAND
SURG. STOOL
HOSPITAL
TYPE "D" 4-LOCKER
2 BERTHS
BHD.
DRUG CABINET
OPERATING TABLE
DRESSING
UTENSIL
INSTR.
26"X66" M.J.D. 9" SILL
GIRDER OVER
LINEN LOCKER.
VENT.
N.W.T.
DARK ROOM
W.C.
TOILET
A.T.
SLOP SINK
RACK.
LAV.
DRESSER SHELVES OVER
BLOWER ROOM
36"X54" R.W.C.H. 6" COAM. 18" ESCAPE SCUTTLE
LKR.
SPACE RESERVED FOR HOIST
GUN CREW
RACK FOR READY SERVICE POWDER
SHELTER
AMMN. PASSING SCUTTLE
W.T.D. 26"X66" 9" SILL
36"X66" W.T.D. 9" SILL
LEADSMAN PLATFORM PORTABLE
CLOSED CHOCK IN BULWARK. P. & S.
3"X30" OPENINGS-4½ ABOVE DK. IN BULWARK
5" GUN #1
26'-0" WORKING & LEVEL GUN
W.T. TRUNK
FLUSH 30"X30" W.T. HATCH COAMING FLUSH WITH TOP OF PLATFORM.
PLATFORM FITTED WITH PIPE RAIL
LINE OF MAIN DK.
LINE OF BULWARK AND KNUCKLE
24"X24" R.W.H. 12" COAM.
ANCHOR DAVIT
JACK STAFF
F.P.
152 150 148 146 144 142 140 138 136 134 132 130 128 126 124 122 120 118 116 114 112 110 108 106 104 102 100 98 96 94 92 90 88 86 84 82 80 78 76 74 72 70 68 66 64 62 60 58 56 54 52 50 48 46 44 42 40 38 36 34 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2

NO.	PART.	DESCRIPTION.	APPROVED.	DATE.	AUTHORITY.
	C	GAS HOSE PIT BOX & MANHOLE FR. 120 RELOCATED, HOSPITAL SPACES REARRANGED. FREEING PORTS REMOVED & FREEING SLOTS NOTED IN ACCORDANCE WITH COMDT. U.S.C.G. LETTER CR-202/2071 DATED JAN. 23, 1935. HANGAR PORTS RELOCATED & FRAMING MODIFIED. FIXED LIGHTS, DOOR FR. 51, NO. 1 GUN PLATF., BOAT STOWAGE, AMMN. HOISTS & OPENINGS THRU DECK ETC., FRS. 78 TO 95 MODIFIED & RELOCATED. & ANTENNA STUB MAST REMOVED TO SUIT DETAIL DRAWINGS.		3/21/37	
	B	BOAT WINCH FRS. 52-58 RELOCATED. VENTS FRS. 50-52 P. & S. AND 12" COAMING & 10" STEP AT OPENING FRS. 78 P. & S. ADDED. IN ACCORDANCE WITH COAST GUARD LETTER CR-202 DATED DEC. 4/1934		1/14/35	
	A	PLAN CORRECTED TO AGREE WITH C. & A. PLAN. TRUNK FRS. 15-17 INDICATED. KNUCKLE AT FR. 70 MODIFIED. DOOR TO GALLEY FR. 66, PORT CORRECTED. IN ACCORDANCE WITH COMDT. U.S. COAST GUARD LET. No. CR-202 DTD. AUG. 29-1934.		10/5/34	

ALTERATIONS.

ABBREVIATIONS	
W.T.	WATER TIGHT
N.W.T.	NON-WATER TIGHT
WEATH.T.D.	WEATHER TIGHT DOOR
W.T.D.	WATER TIGHT DOOR
R.W.H.	RAISED WATER TIGHT HATCH
R.W.C.H.	RAISED WATER TIGHT COMPANION HATCH
W.T.D.D.	WATER TIGHT DUTCH DOOR
N.W.B.P.	NON-WATER TIGHT BOLTED PLATE
N.W.T.D.D.	NON-WATER TIGHT DUTCH DOOR
R.W.M.H.	RAISED WATER TIGHT MANHOLE
M.J.D.	METAL JOINER DOOR

U.S. COAST GUARD CUTTERS.

C.G. 65 TO 71.

CONTRACT PLAN.

MAIN DECK.

INDUSTRIAL DEPARTMENT, NAVY YARD, PHILA. PA.

SCALE ¼" = 1 FOOT

	DATE.
DRAWN BY PETTIT	
TRACED BY BELLEMAN	
CHECKED BY	
CHARGE OF DIVISION	8/6/34
CHIEF DRAFTSMAN	8/7/34
SATISFACTORY TO R.B. Lank	8/7/34
SATISFACTORY TO W.R. Daniels	8/7/34

AUTHORITY
SECT'Y OF NAVY
LETTER, SONYD-1A-Kr-1/29 JAN. 29, 1934

GEORGE W. CAMPBELL
CUTTER NO. 65

SAMUEL D. INGHAM
CUTTER NO. 66

WILLIAM J. DUANE
CUTTER NO. 67

ROGER B. TANEY
CUTTER NO. 68

ALEXANDER HAMILTON
CUTTER NO. 69

JOHN C. SPENCER
CUTTER NO. 70

GEORGE M. BIBB
CUTTER NO. 71

FORWARDED TO U.S.C.G. FOR APPROVAL
LETTER No. QS13/S1-3(E3)
DATE AUG. 8-1934.

APPROVED BY U.S. COAST GUARD (WITH MODIFICATIONS.
LETTER No. CR-202
DATE AUG. 29-1934.

LIEUT. COMM. (C.C.) U.S.N.
FOR MANAGER.
8-7-34

DRAWING NUMBER.
~~C.G.6571-0101-V14~~
CG-327WHEC-0101-14

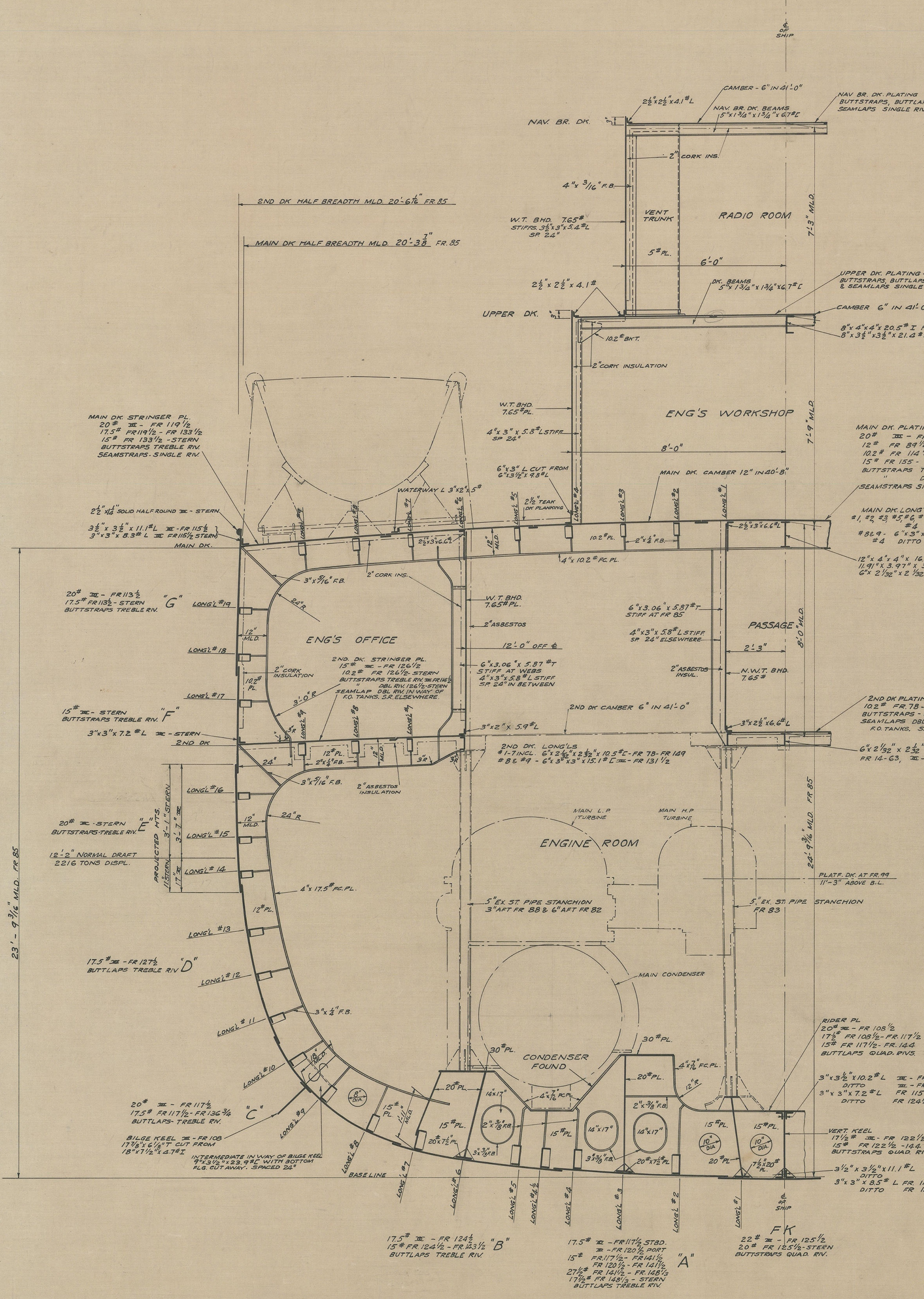
19.34

1

29" x 102⅛" = 20.57 SQ. FT.

11 10 9 8 7 6 5 4 3 2 1

7 6 5 4 3 2 1



℄ SHIP
NAV. BR. DK.
RADIO ROOM
VENT TRUNK
UPPER DK.
ENG'S WORKSHOP
MAIN DK.
ENG'S OFFICE
PASSAGE
2ND DK.
ENGINE ROOM
CONDENSER FOUND
MAIN CONDENSER
2ND DK HALF BREADTH MLD 20'-6¾" FR 85
MAIN DK HALF BREADTH MLD 20'-3⅜" FR 85
12'-2" NORMAL DRAFT 2216 TONS DISPL.
BASE LINE
LONG'L #7
LONG'L #6
LONG'L #5
LONG'L #4½
LONG'L #4
LONG'L #3
LONG'L #2
LONG'L #1
℄ OF SHIP
17.5# ⊠ - FR 124½
15# FR. 124½ - FR. 143½ "B"
BUTTLAPS TREBLE RIV.
17.5# ⊠ - FR 117½ STBD.
⊠ - FR 120½ PORT
15# FR. 117½ - FR 141½
FR 120½ - FR 141½
27½# FR 141½ - FR. 148⅓
17½# FR 148⅓ - STERN
BUTTLAPS TREBLE RIV.
"A"
FK
22# ⊠ - FR 125½
20# FR 125½ - STERN
BUTTSTRAPS QUAD. RIV.
3½" x 3½" x 11.1# L ⊠ - FR 116
DITTO ⊠ - FR 121
3" x 3" x 8.5# L FR. 116 - FR 145¼
DITTO FR 121 - FR 145¼

WEB FR. 85
STBD. SIDE LOOKING AFT
SCANTLINGS FROM ⊠ TO STERN

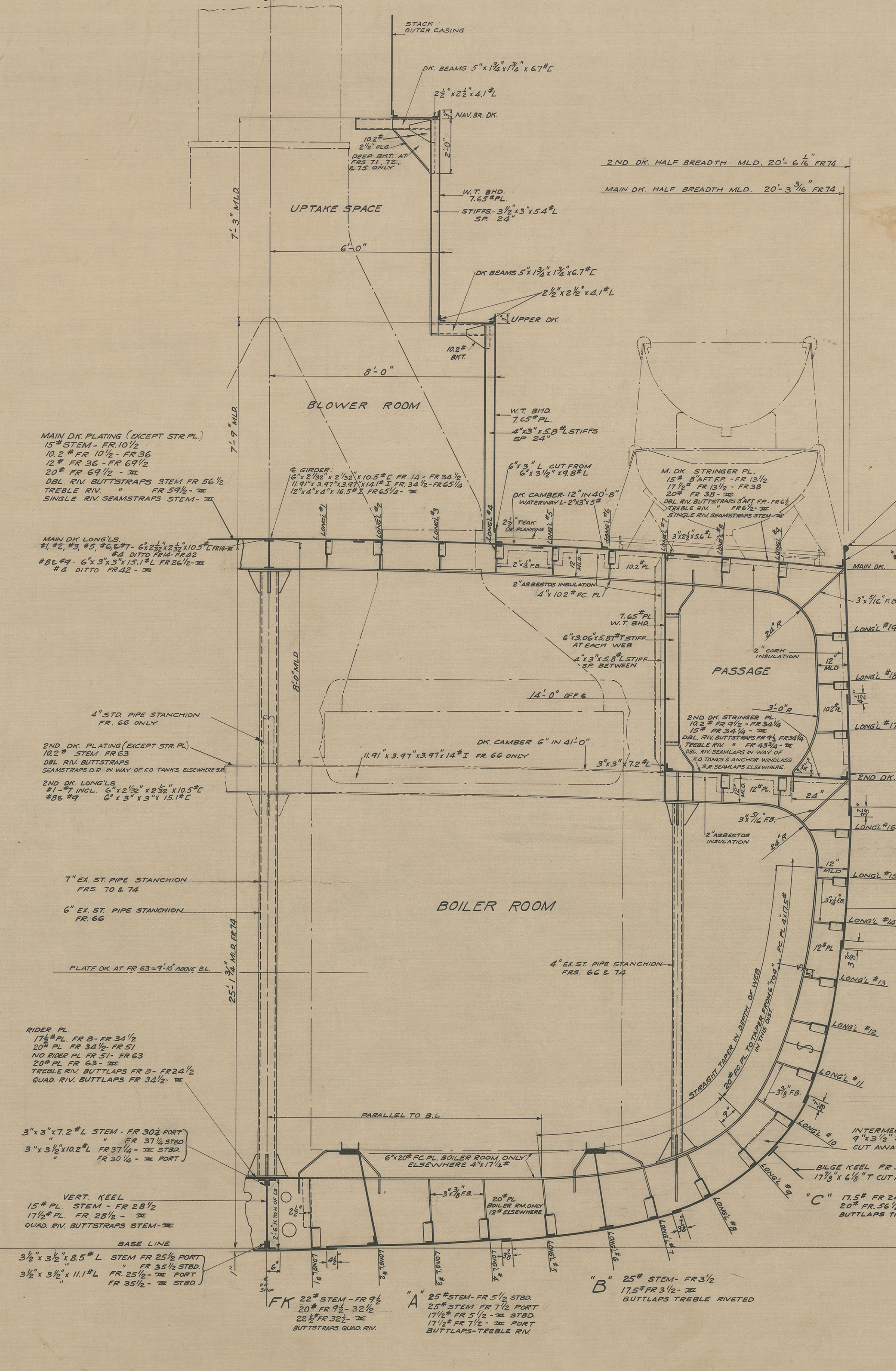
SHELL LONGITUDINALS
(FOR ENTIRE SHIP)

#1-3-4-4½-6-7 — 9"x3½"x3½"x23.9#[
EXCEPT:- #1-PLATE GIRDER FR 78 - FR 96
#3 " " FR 78 - FR 88
#4 " " FR 123 - FR 131
#6 " " FR 63 - FR 96
#2 PLATE GIRDER FR 14¼ - FR 82; FR 91 - FR 110; FR 141 - FR 144
9"x3½"x3½"x23.9#[FR 82 - FR 91; FR 110 - FR 141
#5- PLATE GIRDER FR 51 - FR 69; FR 88 - FR 99; FR 135 - FR 148
9"x3½"x3½"x23.9#[- FR 14 - FR 43; FR 69 - FR 86½
FR 119 - FR 135.
#2½ - 8 - 9 - 10 8"x3"x3"x18.7#[
#11 - 12 - 13 - 7"x3"x3"x16.4#[
#13½ - 14 - 15 - 16 - 17 - 18 - 19 - 6"x3"x3"x15.1#[

PLATFORM PLATING
STEM - FR 63
AND FR 99 - 119

12# PL. STEM - FR. 5
15# PL. FR. 5 - FR. 8
8# PL. FR 8 - FR. 51
10.2# PL. FR 51 - FR 59
8# PL. FR. 99 - 119
BUTTS & SEAMS BUTT WELDED
DECK LONG'LS 6"x3½"x9.8# Ls
TOED TO DECK AND WELDED
SPACED 24"

NOTE:-
MIDSHIP IS AT FR 77



STACK
UPTAKE SPACE
NAV. BR. DK.
UPPER DK.
BLOWER ROOM
MAIN DK.
PASSAGE
2ND DK.
BOILER ROOM
2ND DK HALF BREADTH MLD 20'-6¾" FR 74
MAIN DK HALF BREADTH MLD 20'-3⁹⁄₁₆" FR 74
12'-2" DRAFT AT NORMAL DISPL OF 2216 TONS
PARALLEL TO B.L.
BASE LINE
LONG'L #1
LONG'L #2
LONG'L #3
LONG'L #4
LONG'L #5
LONG'L #6
LONG'L #7
℄ OF SHIP
3½" x 3½" x 8.5# L STEM FR 25½ PORT
" FR 35½ STBD.
3½" x 3½" x 11.1# L FR. 25½ - ⊠ PORT
" FR 35½ - ⊠ STBD.
FK 22# STEM - FR 9½
20# FR 9½ - 32½
22½# FR 32½ - ⊠
BUTTSTRAPS QUAD. RIV.
"A" 25# STEM - FR 5½ STBD.
25# STEM FR 7½ PORT
17½# FR 5½ - ⊠ STBD.
17½# FR 7½ - ⊠ PORT
BUTTLAPS - TREBLE RIV.
"B" 25# STEM - FR 3½
17.5# FR 3½ - ⊠
BUTTLAPS TREBLE RIVETED

WEB FR 74
STBD. SIDE LOOKING FOR'D
SCANTLINGS FROM STEM TO ⊠

WELDING

1. CONNECTION OF BHDS TO SHELL AND DECKS TO BE MADE WITH DOUBLE CONTINUOUS WELDS OF SIZES BASED ON THE EQUIVALENT RIVETED CONNECTION AS SPECIFIED ON BUREAU OF C&R PLANS #214702 & 214707
2. STIFFENER CONNECTIONS TO BHD. PLATING IN WATER TANKS ONLY TO BE MADE WITH DOUBLE CONTINUOUS WELDS, ELSEWHERE BY 50% INTERMITTENT WELDS OF THE SIZES SPECIFIED ON DETAIL PLANS.
3. WEB CONNECTIONS TO SHELL PLATING AND VERTICAL KEEL TO BE MADE WITH DOUBLE CONTINUOUS WELDS ACCORDING TO C&R PLANS #214702 & #214707.
4. WEB CONNECTIONS TO DECKS AND FACE PLATE CONNECTIONS TO WEBS LOCATED IN WAY OF WATER TANKS ONLY TO BE MADE WITH DOUBLE CONTINUOUS WELDS, ELSEWHERE 50% INTERMITTENT WELDS.

GALVANIZING & PICKLING

THE FOLLOWING STRUCTURES ARE TO BE GALV.:-

1. SHELL PLATING COMPLETE BELOW AND INCLUDING WATER LINE STRAKE
2. SHELL LONG'LS, EXCEPT THOSE WHOLLY WITHIN FUEL OIL TANKS (WHICH ARE TO BE BLACK) TRANSVERSE FRAMES, AND FLOORS BELOW 1ST PLATFORM OR 10'-0" W.L. EXCEPT AS NOTED BELOW.
3. KEEL COMPLETE WITH ITS BRACKETS & ANGLES.
4. PLATING ONLY, OF THE PLATFORM, SECOND, AND MAIN DKS., AND ANGLES CONNECTING TO TOP OF DECK PLATES. NO DECK LONG'LS NEED BE GALV. EXCEPT UNDER PLATFORM AND 2ND DECK IN WAY OF WATER TANKS.
5. BHDS BOUNDING RESERVE AND EMERGENCY FEED WATER TANKS, PEAK TANKS, AND DRAINAGE TANKS COMPLETE WITH THEIR STIFFS. IF INSIDE OF TANKS.
6. ENTIRE STRUCTURE WITHIN WATER TANKS.
7. ALL BHD. PLATING AND STIFFS BELOW THE PLATFORM DK. OR 10'-0" W.L. EXCEPT AS FOLLOWS:- BHDS AND STIFFS. WHOLLY WITHIN THE FUEL OIL TANKS ARE NOT TO BE GALV. EXCEPT THE BOTTOM STRAKE OF PLATING, AND ON TRANS. FRAMES AND FLOORS IN WAY OF FUEL AND BALLAST TANKS THE WEB PL. UP TO THE 5TH LONG'L IS THE ONLY PL TO BE GALV.

PICKLING:- WITH THE EXCEPTION OF MATERIAL FURNACED BY SHIP CONTRACTORS ALL BLACK MATERIAL TO BE PICKLED IMMEDIATELY AFTER DELIVERY FROM MILL AND GIVEN ONE COAT OF METALLIC BROWN FORMULA #48A EXCEPT MATERIAL IN WAY OF FUEL OIL TANKS. THIS MATERIAL IS TO BE PICKLED BUT NOT PAINTED BEFORE ERECTION.

NOTE:-
THIS DRG. CANCELS AND SUPERSEDES
DRG. NO. 0101-5

NO	PANEL	DESCRIPTION	APPROVED	DATE	AUTHORITY

ALTERATIONS

COAST GUARD CUTTERS 65-71

MIDSHIP SECTION

INDUSTRIAL DEPARTMENT, NAVY YARD, PHILADELPHIA

SCALE ½" = 1FT.

	DATE
DRAWN BY S. DILLON	4/24/36
TRACED BY S. DILLON	4/24/36
CHECKED BY E.R.	5/6/36.
CHARGE OF DIVISION A M Stefano	5/12/36
CHIEF DRAFTSMAN	6/29/36
EXAMINED	
SATISFACTORY TO	
AUTHORITY	

GEORGE W. CAMPBELL
CUTTER NO. 65
SAMUEL D. INGHAM
CUTTER NO. 66
WILLIAM J. DUANE
CUTTER NO. 67
ROGER B. TANEY
CUTTER NO. 68
ALEXANDER HAMILTON
CUTTER NO. 69
JOHN C. SPENCER
CUTTER NO. 70
GEORGE M. BIBB
CUTTER NO. 71

COMMANDER, U. S. C. G.

R. B. Lank, Jr.
CONSTRUCTOR, U. S. C. G.

S. E. Dudley
LT. COMDR. (CC) USN
6-29-36

CG-327WHEC-0101-21

DRAWING NUMBER ~~CG 65-71-0101-21~~
DATE 6-29-36

12.94

AREA 69¾" x 28½ = 13.8 SQ FT.

7 6 5 4 3 2 1